

The very concept of a Broadband Transmission over a Power Line (BPL) seems to be in direct contradiction to the FCC's concern that many other legal sources of RF watch their signal levels and their harmonic output. If we amateur radio operators are to be concerned with the interfering of others, then why should we be relegated to having our reception compromised in any way by a commercial enterprise where we have primary use? If the FCC wants to eliminate amateur radio operations, it should just say so. The implementation of BPL seems like an indirect, slow, cowardly way to make ham radio "go away" on HF at the very least. What happened to the promise of "RF-clean" fiber optic being led into many homes? Why is the FCC even considering the allowing any commercial enterprise, even on an experimental basis, to radiate a signal of many megahertz wide, out many miles from unshielded power-line wire? The thought that this is being allowed while even mildly entertaining a position being put forth by ANY commercial interests that it won't interfere with anything leaves many questions - some frankly are political and this is not the forum for that type of commentary. Please consider it pure folly to allow this all-enveloping interference to flourish to a point where it cannot be undone or recalled. Have those pushing this technology understand that they are interfering with the world-wide-web of H.F. communications. We as hams and even other scientific and commercial interests have our own narrow-band, low power digital technologies that we are pursuing on HF and above. Much HF communication requires a good, quiet LOCAL RF environment. Edward Hare W1RFI of the Amateur Radio Relay League [ARRL] is presently conducting tests where BPL is being used experimentally. His preliminary findings are that these BPL systems are tremendous sources of interference that extend to many, many miles out. In many locations he found noise floor level readings as high as S9. He will submit a formal scientific report soon I believe. It is important to note that hams are also becoming more and more involved with emergency communications and are in the process of building formal liaisons with Homeland Security operations. BPL therefore, is a threat to Homeland Security. It is a risk that should be eliminated immediately. BPL's sweeping of 2MHz through 80MHz represents added noise to a gigantic swath of radio real estate who's destructive potential is unfathomable and even possibly actionable in the event of the loss of life and property that could have been otherwise prevented. BPL's implementation would be a direct threat to all of the worthwhile endeavors above. Please take all of my comments into consideration.

Thank You.
Sincerely,
John Meade W2XS